

Annex F6

Effluent Quality Monitoring Results

Table F6.1 Effluent Monitoring Results

		2 Mar 23
On-site Measurements		
Temperature	°C	25.7
pH Value	pH Unit	8.4
Volume Discharged	m ³	1,021
Laboratory Analysis		
Suspended Solids (SS)	mg/L	68.0
Alkalinity	mg/L	2390
Ammoniacal-nitrogen	mg/L	0.02
Chloride	mg/L	1780
Nitrite-nitrogen	mg/L	0.10
Phosphate	mg/L	7.65
Sulphate	mg/L	164
Total Nitrogen	mg/L	87.6
Nitrate-nitrogen	mg/L	34.4
Total Inorganic Nitrogen	mg/L	34.52
Biochemical Oxygen Demand (BOD)	mg/L	19
Chemical Oxygen Demand (COD)	mg/L	1010
Oil & Grease	mg/L	<5
Total Organic Carbon (TOC)	mg/L	447
Boron	µg/L	5640
Calcium	mg/L	19.5
Iron	mg/L	1.90
Magnesium	mg/L	27.7
Potassium	mg/L	1030
Cadmium	µg/L	<1.0
Chromium	µg/L	146
Copper	µg/L	<10
Nickel	µg/L	119
Zinc	µg/L	54